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GENERAL NOTES

INDIVIDUAL DRAWINGS.

2. SEE CODED NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.

THE GENERAL NOTES LISTED HERE APPLY TO ALL PLUMBING

DRAWINGS IN ADDITION TO ANY ADDITIONAL DRAWING NOTES ON THE

2. SEE CODED NOTES ON INDIVIDUAL DRAWING SHEETS FOR SPECIFIC INSTRUCTIONAL NOTES.3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION.

4. CONTRACTOR IS RESPONSIBLE FOR ASBESTOS REMOVAL AS
ASSOCIATED WITH PIPING/EQUIPMENT REMOVAL. SEE SPECIFICATIONS FOR
ADDITIONAL INFORMATION. THE FOLLOWING AREAS ARE KNOWN TO HAVE
ASBESTOS:

1.) SEAMS AND EXPOSED ENDS OF FIBERGLASS PIPING IN
320A, 320B, 320C, AND 320E.

2.) INSULATION ON STORAGE TANKS IN MECHANICAL ROOMS
OF 320A AND 320C.

5. THE DESIGN DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW EXACT LOCATION OF EQUIPMENT AND PIPING UNLESS DIMENSIONS ARE GIVEN OR OTHERWISE IMPLIED FOR CLEARANCES, ETC. PIPING AND EQUIPMENT ARE TO BE INSTALLED ALONG THE GENERAL PLANS SHOWN ON THE DRAWINGS, BUT KEEPING IN MIND ACTUAL BUILDING CONDITIONS WHICH MUST BE CONFORMED WITH IN THE ACTUAL WORK. CONTRACTORS IN THEIR BIDS ARE REQUIRED TO INCLUDE ALL LABOR AND MATERIALS AND OTHER RELATED WORK NECESSARY TO PROVIDE MINOR OFFSETS IN PLUMBING WORK AS REQUIRED TO AVOID CONFLICT WITH OTHER WORK ON THIS PROJECT OR AS REQUIRED IN ORDER TO OBTAIN MAXIMUM HEAD ROOM OR EQUIPMENT ACCESS IN

6. FURNISH WALL FLANGES AROUND ALL PIPING EXPOSED BELOW CEILING AND CASEWORK.7. UNLESS OTHERWISE INDICATED, ALL PIPING TO RUN GENERALLY BELOW DUCTWORK FOR ACCESS TO VALVING. DO NOT OBSTRUCT

8. THE CONTRACTOR IS TO INSTALL HOUSEKEEPING PADS FOR ALL EQUIPMENT UNITS.

9. SEE PROJECT SPECIFICATIONS FOR CUTTING AND PATCHING RESPONSIBILITIES.

EQUIPMENT OR ACCESS DOORS.

10. UNLESS NOTED OTHERWISE, DCW, DHW, RDHW PIPING IS LOCATED WITHIN FLOOR CEILING SPACE.11. PLUMBING FIXTURE NUMBERS REFER TO PLUMBING FIXTURE

SCHEDULE.

12. EQUIPMENT CONNECTION ARRANGEMENTS, FLANGES, UNIONS, VALVING, ETC. ARE NOT TYPICALLY SHOWN ON PLAN VIEWS. REFER TO DETAILS AND FLOW DIAGRAMS FOR REQUIREMENTS. INSTALL ALL VALVES AND OTHER ITEMS REQUIRING OR FACILITATING MAINTENANCE IN

ACCESSIBLE LOCATIONS, AND SO AS TO NOT OBSTRUCT MAINTENANCE

ON EQUIPMENT SERVED.

13. IT IS RECOGNIZED THAT DRAWINGS MAY BE PLOTTED AT DIFFERENT SCALES, SUCH THAT PLOTTED DRAWINGS MAY VARY FROM ACTUAL OR INTENDED DIMENSIONS. THEREFORE, DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED. SBM TAKES NO RESPONSIBILITY FOR ERRORS REGARDING DISCREPANCIES FROM THE ORIGINAL DRAWINGS DRAWN AT

THE PROPER SCALE AND THOSE DRAWINGS THAT HAVE BEEN PLOTTED.

14. ALL NEW VALVES (INCLUDING CHECK VALVES) ARE TO BE TAGGED TO MATCH EXISTING TAG STYLE AND A NEW VALVE TAG SCHEDULE IS TO BE COMPLETED AND SUBMITTED TO OWNER.

CONTRACTOR IS TO COORDINATE WORK WITHIN THESE AREAS A MINIMUM OF 72 HOURS PRIOR TO ENTERING.

16. SOME AREAS OF THESE PLANS HAVE BEEN REMODELED DURING THE COURSE OF THE DESIGN OF THIS PROJECT AND THUS THE PLAN

BACKGROUNDS MAY NOT BE COMPLETELY ACCURATE.

5. SEVERAL AREAS (PHARMACY, MORGUE, RECORDS, ETC.) WITHIN THE

CONSTRUCTION LIMITS WILL REQUIRE AN ESCORT BY VA PÉRSONNEL.

17. THE CHLORINE DIOXIDE DOMESTIC WATER CHEMICAL TREATMENT SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH OHIO EPA STANDARDS. THE WORK FOR THIS SYSTEM IS TO INCLUDE SPECIFIC DRAWINGS THAT ARE STAMPED BY A PROFESSIONAL ENGINEER. CONTRACTOR IS ALSO RESPONSIBLE FOR SUBMITTING PLANS AND APPLICATIONS FOR THESE SYSTEMS TO THE OHIO EPA AND OBTAINING

18. FOR WORK WITHIN AND ADJACENT TO SALLY PORT AREAS, THE

CONTRACTOR SHALL PROVIDE ACCESS CONTROL WHILE WORK IS BEING PERFORMED. COORDINATE THIS CONTROL WITH VA SECURITY PERSONAL.

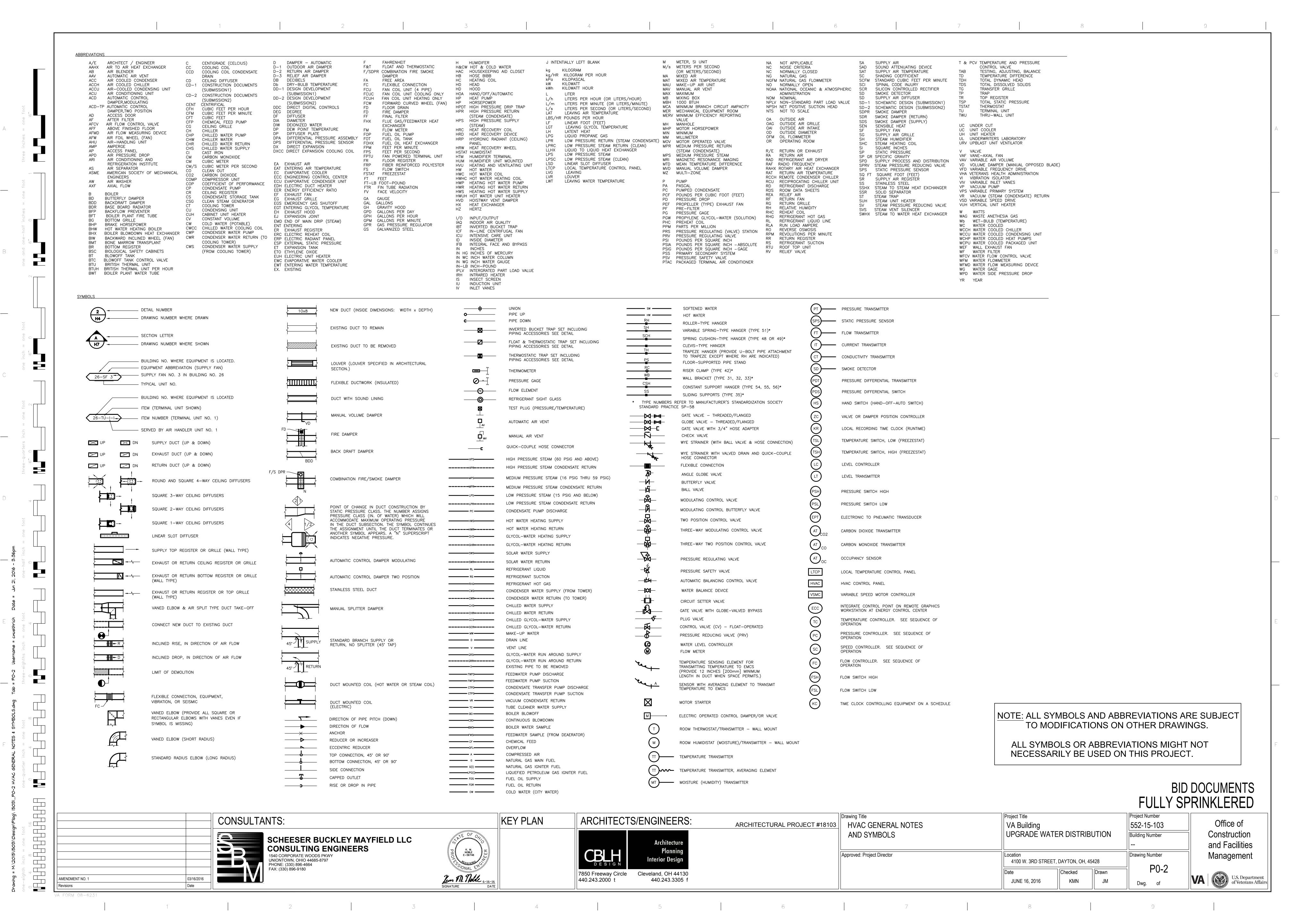
19. CONSTRUCTION BARRIERS ARE TO BE INSTALLED SUCH THAT NO MORE THAN TWO PATIENT ROOMS ARE INACCESSIBLE AT THE SAME TIME.

20. IN MENTAL HEALTH AREAS, PROVIDE TEMPORARY CONSTRUCTION BARRIERS TO THE EXTENTS REQUIRED FOR WORK IN THIS AREA. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION REQUIREMENTS.

21. ALL WORK ABOVE CEILINGS IN CORRIDORS ARE TO BE COMPLETED BETWEEN BETWEEN THE HOURS OF 5:00PM AND 7:00AM.

BID DOCUMENTS FULLY SPRINKLERED

Project Number Drawing Title KEY PLAN CONSULTANTS: ARCHITECTS/ENGINEERS: Office of ARCHITECTURAL PROJECT #18103 SYMBOL LEGEND, **VA** Building 552-15-103 **UPGRADE WATER DISTRIBUTION** Construction GENERAL NOTES, **Building Number** SCHEESER BUCKLEY MAYFIELD LLC Architecture AND DETAIL and Facilities **CONSULTING ENGINEERS** K. M. NOBLE E-56746 Plannina Approved: Project Director Management Drawing Number 1540 CORPORATE WOODS PKWY UNIONTOWN, OHIO 44685-8797 4100 W. 3RD STREET, DAYTON, OH, 45428 PHONE: (330) 896-4664 FAX: (330) 896-9180 7850 Freeway Circle Cleveland, OH 44130 Checked U.S. Department of Veterans Affairs AMENDMENT NO. 1 440.243.2000 t 440.243.3305 f KMN JUNE 16, 2016 Dwg.



TECHNOLOGY SYMBOLS

EX/R	EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND RE-INSTALLED IN NEW CEILING.
(AP) ₂	REMOVE AND PROVIDE NEW 1-DATA DROP.PROVIDE 20' COIL IN DATA CABLE TO FACILITATE RELOCATION OF WAP.
0==0	CONDUIT SLEEVE / FIRE RATED SLEEVE ASSEMBLY THRU WALL (1-2" SLEEVE UNLESS NOTED OTHERWISE).
\oightarrow	WALL MOUNTED VOICE/DATA OUTLET (18" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT(S) TO ABOVE CORRIDOR CEILING, JACKS, FACEPLATE AND CABLE. REFER TO FACEPLATE DETAILS.
	WALL MOUNTED PHONE OUTLET (46" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT TO ABOVE ACCESSIBLE CEILING, JACKS, FACEPLATE AND CABLE. REFER TO FACEPLATE DETAILS.
®x	CEILING MOUNTED TV OUTLET WITH NURSE CALL INTERFACE.REFER TO FACEPLATE DETAILS. PROVIDE JACKS, FACEPLATE AND CABLING.
♦×	WALL MOUNTED TV OUTLET (84" MH UNLESS NOTED OTHERWISE). BOX WITH CONDUIT. REFER TO FACEPLATE DETAILS. PROVIDE JACKS, FACEPLATE AND CABLING. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION.
# _×	TECHNOLOGY FLOOR BOX, PROVIDE APPROPRIATE CONNECTOR PLATE AND HINGED COVER. "#" INDICATES OUTLET TYPE. SUBSCRIPT "X" INDICATES ALTERNATE CONFIGURATION. REFER TO FACEPLATE DETAILS.
42	FLAT PANEL DISPLAY WITH WALL MOUNTING HARDWARE (84" MH UNLESS NOTED OTHERWISE). # INDICATES NOMINAL SCREEN DIAGONAL SIZE.
(SC)	CEILING MOUNTED PAGING/INTERCOM SYSTEM SPEAKER.
⑤ ◁	HORN TYPE PAGING/INTERCOM SYSTEM SPEAKER (90" MH UNLESS NOTED OTHERWISE). 1-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, GROMMETED FACEPLATE, SPEAKER, INSTALLATION AND WIRING.
V	PAGING/INTERCOM SYSTEM WALL MOUNTED SPEAKER VOLUME CONTROLLER (46" MH UNLESS NOTED OTHERWISE). 1-GANG BOX AND 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, VOLUME CONTROLLER WITH FACEPLATE, INSTALLATION AND WIRING.
©C [⋆]	CCTV SYSTEM CEILING MOUNTED CAMERA. REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS. SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE.
PP	DESK MOUNTED PANIC/DURESS BUTTON.
⊢cc) _*	CCTV SYSTEM WALL MOUNTED CAMERA (REFER TO CAMERA SCHEDULE FOR MOUNTING HEIGHT AND CAMERA SPECIFICATIONS). SUBSCRIPT "X" INDICATES ENTRY IN CAMERA SCHEDULE. 1—GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING, CAMERA AND CABLING.
CR	WALL MOUNTED PROXIMITY CARD READER (46" MH UNLESS NOTED OTHERWISE). 1—GANG BOX WITH CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, CARD READER AND CABLING. REFER TO SECURITY ROUGH— IN DETAILS.
DM	DOOR POSITION SWITCH BY G.C. WITH WIRING BY E.C. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. REFER TO SECURITY ROUGH—IN DETAILS.
€M _{FA}	ELECTRONIC MAG LOCK AND INSTALLATION BY OTHERS. LOW VOLTAGE WIRING. CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. REFER TO SECURITY ROUGH—IN DETAILS. "FA" INDICATES FIRE ALARM INTERFACE FOR RELEASE DURING ALARM.
HA	WALL/PEDESTAL MOUNT HANDICAP DOOR ACTUATOR BUTTON, FURNISHED BY OTHERS. BOX AS REQUIRED BY SYSTEM MANUFACTURER WITH INSTALLATION AND CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. ALL LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR MOTOR. REFER TO SECURITY ROUGH—IN DETAILS.
HD	HANDICAP DOOR OPERATOR MOTOR ASSEMBLY BY OTHERS. 120V POWER CONNECTION AND CONDUIT FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. LOW VOLTAGE WIRING AND INTERFACE WITH SMS AND DOOR ACTUATOR BUTTONS. REFER TO SECURITY ROUGH—IN DETAILS.
JB	SECURITY SYSTEM JUNCTION BOX TO BE LOCATED ABOVE ACCESSIBLE CEILING (MIN 6"X6"X4"). ROUTE LOCAL DOOR SECURITY WIRING CONDUITS/RACEWAYS TO JUNCTION BOX. EXTEND 1" CONDUIT WITH DOOR SECURITY WIRING TO LOCAL 2-DOOR CONTROL PANEL/REMOTE DOOR CONTROL PANEL AS INDICATED ON DRAWINGS. REFER TO SECURITY ROUGH-IN DETAILS FOR WORK.
K	WALL MOUNTED SECURITY KEYPAD ENTRY STATION (46" MH UNLESS NOTED OTHERWISE). 1—GANG BOX WITH 0.75" CONDUIT TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING, KEYPAD AND CABLING.
RX	REQUEST TO EXIT SWITCH IN DOOR HARDWARE BY OTHERS. LOW VOLTAGE WIRING, CONDUIT PATHWAYS FROM DOOR FRAME TO COMMON SMS JUNCTION BOX ABOVE ACCESSIBLE CEILING. REFER TO SECURITY ROUGH—IN DETAILS.
CM	VIDEO OUTLET FOR CCTV SYSTEM MONITOR INCLUDING RF VIDEO CABLE AND JACK. 1—GANG BOX, 84" MH, 0.75" CONDUIT TO ABOVE CEILING, JACK, FACEPLATE AND CABLING.
Ø _R C	1-DATA OUTLET FOR RTLS PORTAL . SUBSCRIPT "R" INDICATES WALL MOUNTED, 18" MH). SUBSCRIPT "RC" INDICATES ABOVE CEILING MOUNTED. FIELD VERIFY EXACT OUTLET LOCATION WITH VA PRIOR TO INSTALLATION. PROVIDE 10' SLACK IN DATA DROP, MANAGED ABOVE CEILING.
DB	DOOR BELL

ELECTRICAL SYMBOLS

3	DASH SYMBOL INDICATES PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	CONTINUOUS WHERE REQUIRED. EXISTING OUTLET OR DEVICE TO REMAIN. MAINTAIN EXISTING CIRCUITING.			
•	ELECTRICAL CONNECTION.			
0	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).			
0	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" MH UNLESS NOTED OTHERWISE).			
0	SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.			
0	20A-125V DOUBLE DUPLEX RECEPTACLE. NEMA 5-20R, (18" MH UNLESS NOTED OTHERWISE) TWO			
0	GANG ASSEMBLY. 20A-125V DUPLEX RECEPTACLE, NEMA 5-20R WITH BOTTOM OUTLET CONTROLLED BY WALL SWITCH.			
•	(18" MH UNLESS NOTED OTHERWISE). 20A-125V DUPLEX RECEPTACLE, NEMA 5-20R (46" MH UNLESS NOTED OTHERWISE).			
O ^{GF}	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).			
OWP	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R (HORIZONTAL 18" MH UNLESS NOTED OTHERWISE)			
O ^{WP/GF}	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R WITH GROUND FAULT CIRCUIT INTERRUPTER (18" MH UNLESS NOTED OTHERWISE).			
OEM	20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, ON EMERGENCY POWER (18" MH UNLESS NOTED			
O^T	OTHERWISE). 20A-125V POWERLOCK GROUNDING TYPE RECEPTACLE, HOSPITAL USE (66" MH UNLESS NOTED			
	OTHERWISE). JUNCTION BOX.			
⊕ ^{AC}	120V POWER SUPPLY FOR ACCESS CONTROL.			
© ^{PT}	120V POWER CONNECTION TO PATIENT LIFT SYSTEM.			
\$	SINGLE POLE SWITCH (46" MH UNLESS NOTED OTHERWISE).			
2 \$	TWO POLE WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
3 \$	THREE-WAY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
4 \$	FOUR-WAY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
P \$	SWITCH WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).			
 К \$	KEY OPERATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
L \$	LOW-VOLTAGE MOMENTARY WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
DM \$	LIGHTING DIMMER SWITCH (46" MH UNLESS NOTED OTHERWISE) 1000 WATTS UNLESS OTHERWISE			
M \$	INDICATED. FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE—GANG ASSEMBLY (46" MH UNLESS NOTED OTHERWISE).			
H \$	HP RATED WALL SWITCH (46" MH UNLESS NOTED OTHERWISE).			
os \$	WALL MOUNTED OCCUPANCY SENSOR (SWITCH STYLE).			
	ELECTRICAL PANEL OR SWITCHBOARD PER DRAWINGS.			
P/B	PULL BOX.			
마	DISCONNECT SWITCH.			
\boxtimes	MOTOR STARTER.			
\boxtimes_{T}	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.			
<i>\O</i> ⁄	ELECTRIC MOTOR.			
∕O′ _A	HANDICAPTED DOOR OPERATOR. REFER TO AV SYMEPLES			
∕O∕ _{UH}	UNIT HEATER.			
∕O _{FC}	FAN COIL.			
∕O _{AC}	AIR CONDITIONER.			
∕O′ _{CU}	CONDENSING UNIT.			
$ olimits_{UV} $	UNIT VENTILATOR.			
T	LINE VOLTAGE THERMOSTAT.			
H _{DH}	DUCT HEATER.			
H _{EB}	ELECTRIC BASEBOARD HEATER.			
M	INTERCOM SYSTEM DESK MOUNTED MASTER CONTROL STATION. SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).			
	INTERCOM STAFF STATION (46" MH UNLESS NOTED OTHERWISE).			
H	INTERCOM HORN TYPE SPEAKER (84" MH UNLESS NOTED OTHERWISE).			
S	INTERCOM SPEAKER FLUSH MOUNT IN CEILING.			
•	PUSHBUTTON (46" MH UNLESS NOTED OTHERWISE). REFER TO AV (HABOLS			
LC	LIGHTING CONTACTOR.			
<u>(0s)</u>	CEILING MOUNTED OCCUPANCY SENSOR.			

NOTE: ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS.

ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

FACP	FIRE ALARM CONTROL PANEL.			
FAAP	FIRE ALARM ANNUNCIATOR PANEL.			
75 F ⊠	FIRE ALARM SPEAKER & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA.			
75 F)X	FIRE ALARM BELL & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA.			
75 F J	FIRE ALARM CHIME & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA.			
⁷⁵ E ₩	FIRE ALARM HORN & SIGNAL LIGHT (80" AFF), (# WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA.			
75 \rightarrow	FIRE ALARM SIGNALING LIGHT (80" AFF), (# WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 75 CANDELA.			
S	CEILING MOUNTED FIRE ALARM SPEAKER.			
FK/LC	FIRE ALARM MANUAL STATION (46" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "K" INDICATES KEY OPERATED. "LC" INDICATES CLEAR LEXAN PROTECTIVE COVER WITH TAMPER ALARM/SOUND.			
\$	CEILING MOUNTED SMOKE DETECTOR.			
H	CEILING MOUNTED HEAT DETECTOR.			
S S/R	DUCT MOUNTED SMOKE DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.			
H S/R	DUCT MOUNTED HEAT DETECTOR. SUBSCRIPT "S" INDICATES SUPPLY. SUBSCRIPT "R" INDICATES RETURN.			
C	ELECTRIC RELEASE DOOR CLOSER.			
D	ELECTRO-MAGNETIC DOOR HOLDER.			
FS	WATER FLOW SWITCH.			
V	VALVE SUPERVISORY SWITCH.			
W R	DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATOR LIGHT. SUBSCRIPT "W" INDICATES WALL MOUNTED.			
SD	SMOKE DAMPER.			
FT	FIRE FIGHTER'S TELEPHONE (60" MH UNLESS NOTED OTHERWISE).			
PS	PRESSURE SWITCH.			
AM _{C/I}	ADDRESSABLE MODULE. SUBSCRIPT "I" INDICATES INPUT. SUBSCRIPT "C" INDICATES CONTROL.			

LUMINAIRE SYMBOLS

FIRE ALARM SYMBOLS

9 O A	LIGHTING FIXTURE. CAPITAL LETTER DENOTES FIXTURE TYPE, LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.
90	LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.
☆ ☆	EXIT LIGHTING FIXTURE, ARROWS AS INDICATED.
4	NIGHT LIGHT. WALL MOUNTED. 18" AFF.

NURSE CALL SYMBOLS

NCCP	NURSE CALL CONTROL PANEL.			
NM ^W	NURSE CALL DESK MOUNTED MASTER CONTROL STATION (OUTLET AT 18" MH UNLESS NOTED OTHERWISE). SUBSCRIPT "W" INDICATES WALL MOUNT (46" MH UNLESS NOTED OTHERWISE).			
NS	NURSE CALL STAFF STATION (46" MH UNLESS NOTED OTHERWISE).			
NS ^C	NURSE CALL MULTI-PIN CATV JACK, MTD. 84" A.F.F.			
P NS	NURSE CALL STAFF PRESENCE STATION MTD. 5'-0" A.F.F. UNLESS NOTED OTHERWISE.			
ND	NURSE CALL DUTY STATION (46" MH UNLESS NOTED OTHERWISE).			
N.	NURSE CALL STATION WITH PULL CORD FOR PATIENT USE (33" MH IN TOILET ROOMS, 90" M.H. IN SHOWERS AND WET AREAS, 46" MH UNLESS NOTED OTHERWISE IN ALL OTHER AREAS). REFER TO GENERAL NOTE, SHEET 320ET101.			
NC	NURSE CALL PATIENT STATION (46" MH UNLESS NOTED OTHERWISE). SHALL INCLUDE PILLOW SPEAKER (WITH TV INTERFACE), CODE BLUE, EMERGENCY, STAFF ASSIST AND CANCEL BUTTON.			
N-\$	PATIENT NURSE CALL STATION (ONE OR TWO CORDS AS INDICATED, 46" MH UNLESS NOTED OTHERWISE).			
Ø	CEILING MOUNTED NURSE CALL DOME LIGHT.			
HØ	WALL MOUNTED NURSE CALL DOME LIGHT (90" MH UNLESS NOTED OTHERWISE).			
™ _B	CEILING MOUNTED COMBINATION DOME LIGHT AND BUZZER.			
™ _Z	CEILING MOUNTED NURSE CALL ZONE LIGHT.			
N ^E	NURSE CALL EMERGENCY BUTTON (46" MH UNLESS NOTED OTHERWISE).			
N ^B	EMERGENCY CODE BLUE BUTTON (46" MH UNLESS NOTED OTHERWISE).			
	NURSE CALL PATIENT STATION / TV INTERFACE MODULE TO CONTROL TV THRU N.C. PILLOW SPEAKER. BOX WITH CONDUIT TO ABOVE CEILING. REFER TO FACEPLATE DETAILS.			
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GENERAL FLOOR PLAN NOTES

B E2	DETAIL: B = DETAIL DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED	
1 E2	SECTION: 1 = SECTION DESIGNATION E2 = SHEET WHERE DETAIL IS LOCATED	
3	PLAN NOTE. APPLIES ONLY TO THE SHEET WHICH IT IS SHOWN.	
3	DETAIL NOTE. APPLIES ONLY TO THE ASSOCIATED DETAIL.	
	CABLE TRAY, 12" x 4" DEEP UNLESS NOTED OTHERWISE.	
	WIRE & CONDUIT IN WALL OR ABOVE CEILING.	
	WIRE & CONDUIT IN OR BELOW SLAB OR GRADE.	
	CONDUIT TO BE REMOVED.	
E	EXISTING WIRE & CONDUIT TO REMAIN.	
——— СМ	CABLE MANAGEMENT SYSTEM PATHWAY.	
X - 1,2	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER(S DENOTES CIRCUIT(S).	
	SURFACE MOUNTED RACEWAY.	
	EXISTING WIRE & CONDUIT TO REMAIN. CABLE MANAGEMENT SYSTEM PATHWAY. EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; "X" DENOTES PANEL NAME; NUMBER DENOTES CIRCUIT(S).	

ABBREVIATIONS

AAP	- AREA ALARM PANEL - MEDICAL GAS	ID	- INSIDE DIAMETER
CC	- ACCESS	İN	- INCHES
ADJ	- ADJUSTABLE		
AF	 ARC FAULT CIRCUIT INTERUPTER 	KEC	- KITCHEN EQUIPMENT CONTRACTOR
AFCI	 ARC FAULT CIRCUIT INTERUPTER 		
AFF	- ABOVE FINISHED FLOOR TO BOTTOM OF ITEM	L	- LENGTH
AFG	- ABOVE FINISHED GRADE TO BOTTOM OF ITEM	LBS	- POUNDS
ALT	- ALTERNATE		MACTED ALABA DANEL (MEDICAL CAC)
AP	- ACCESS PANEL	MAP	- MASTER ALARM PANEL (MEDICAL GAS)
	X — APPROXIMATE — ARCHITECT OR ARCHITECTURAL	MAX MEZZ	MAXIMUMMEZZANINE
	- ASSEMBLY	MFR	- MANUFACTURER
ATS	- AUTOMATIC TRANSFER SWITCH	MH	- MANHOLE OR MOUNTING HEIGHT TO CENTER LINE OF
A13	ACTOMATIC TRANSPER SWITCH	MIN	- MINIMUM OR MINUTE
BLDG	- BUILDING	MISC	- MISCELLANEOUS
BOE	- BOTTOM OF EQUIPMENT	MTD	- MOUNTED
BOT	- BOTTOM	MTG	- MOUNTING
3TWN	- BETWEEN		
•		NIC	- NOT IN CONTRACT
CFCI	- CONTRACTOR FURNISHED CONTRACTOR INSTALLED	NOM	- NOMINAL
CKT	- CIRCUIT	NTS	- NOT TO SCALE
CLG	- CEILING		
CMU	- CONCRETE MASONRY UNIT	OD	- OUTSIDE DIAMETER
	- CONNECT OR CONNECTION	OFCI	 OWNER FURNISHED CONTRACTOR INSTALLED
	- CONTRACTOR	OFOI	 OWNER FURNISHED OWNER INSTALLED
	- CORRIDOR		
CTR	- CENTER	PC	- PLUMBING CONTRACTOR (DIVISION 22)
_	DEDTH	PLBG	- PLUMBING
D	- DEPTH	DAD	DADILIC
DET	- DETAIL	RAD	- RADIUS
DIA DIM	- DIAMETER	REC	RECESSEDREQUIRED
DIV	- DIMENSION - DIVISION	REQD RI	- REQUIRED
DN	- DOWN	KI	ROUGH-IN
DWG	- DRAWING	S	- SURFACE MOUNTED
DWG	DIAMINO	SC	- SECURITY CONTRACTOR
EA	- EACH	SCH	- SCHEDULE
EC	- ELECTRICAL CONTRACTOR (DIVISION 26)	SHT	- SHEET
EJ	- EXPANSION JOINT	SMS	- SECURITY MANAGEMENT SYSTEM
ELEC	- ELECTRICAL	SPEC	- SPECIFICATIONS
ELEV	- ELEVATION OR ELEVATOR	SQ	- SQUARE
EM	- EMERGENCY	SS	- STAINLESS STEEL
EQ	- EQUAL	STD	- STANDARD
EQS	- EQUIPMENT SUPPLIER	STRUC	 STRUCTURAL OR STRUCTURE
EQUIP	- EQUIPMENT	SUC	 SITE UTILITY CONTRACTOR
ETR	- EXISTING TO REMAIN		
EX	- EXISTING	TC	- TECHNOLOGY CONTRACTOR
EXP	- EXPANSION	TEMP	- TEMPERATURE
EXT	- EXTERIOR	TOE	- TOP OF EQUIPMENT
EX/R	- EXISTING DEVICE TO BE REMOVED AND RELOCATED.	TYP	- TYPICAL
FCE	- FIRE CONTROL EQUIPMENT	LINIO	LINILESS NOTED OTHERWISE
FF ELD	- FINISHED FLOOR ELEVATION	UNO	- UNLESS NOTED OTHERWISE
FLR FSC	FLOORFIRE SUPPRESSION CONTRACTOR (DIVISION 21)	VFD	- VARIABLE FREQUENCY DRIVE
FSC FT	- FIRE SUPPRESSION CONTRACTOR (DIVISION 21) - FEET	VFD VOL	- VARIABLE FREQUENCY DRIVE - VOLUME
FTG	- FOOTING	VOL	♥ OLOWIL
, 5	1.0011110	W/	- WITH
GC	- GENERAL CONTRACTOR	w/o	- WITHOUT
GF	- GROUND FAULT CIRCUIT INTERRUPTER	WP	- WEATHERPROOF
CECL	_ CROUND EAULT CIRCUIT INTERPLIPTER OF COVERNMENT		

GENERAL NOTES

- GROUND FAULT CIRCUIT INTERRUPTER OR GOVERNMENT

FURNISHED CONTRACTOR INSTALLED

HVAC - HEATING, VENTILATING, AND AIR CONDITIONING

- GROUND FAULT FEED THRU

HC - HVAC CONTRACTOR (DIVISION 23) HORSE POWER OR HIGH POINT

ALL ELECTRICAL SPLICES FOR WIRE SIZES 6 AWG AND LARGER SHALL BE HYDRAULIC CRIMP TYPE. B. THESE NOTES APPLY EQUALLY TO THE FULL SET OF DOCUMENTS.

H. ALL WORK MUST BE COORDINATED WITH THE COR TO MAINTAIN OPERATION OF THE EXISTING FACILITY.

- SITE VISIT(S) SHALL BE AS OUTLINED IN PROJECT SPECIFICATIONS. ANY ASBESTOS WORK PERFORMED AS PART OF THIS PROJECT SHALL BE COMPLETED PRIOR TO STARTING ANY OTHER PROJECT SITE WORK. THE NOTES AND SYMBOLS SET DOWN ON THESE DRAWINGS ARE FOR THE GUIDANCE OF ALL TRADES INVOLVED IN THE PROJECT AND MUST BE FOLLOWED TO EXECUTE THE WORK AS INTENDED.
- F. THE CONTRACTORS SHALL REFER TO ALL SPECIFICATION SECTIONS, AND ELECTRICAL DRAWINGS FOR DETAILS OF BUILDING CONSTRUCTION TO ENSURE SPACE AND SATISFACTORY ARRANGEMENT FOR THEIR WORK. THE VARIOUS DRAWINGS COMPRISING THE SET ARE INTERDEPENDENT AND MUST BE USED JOINTLY AT ALL TIMES. EACH CONTRACTOR SHOULD REFER TO THE GENERAL REQUIREMENTS OF THE CONTRACT. THESE NOTES AND SYMBOLS SET DOWN ON THE DRAWINGS ARE FOR THE GUIDANCE OF ALL TRADES INVOLVED IN THE PROJECT AND MUST BE FOLLOWED TO EXECUTE THE WORK AS INTENDED. IF DISCREPANCIES OCCUR, CONTACT THE COR THRU THE CONTRACTING OFFICER FOR CLARIFICATION BEFORE PROCEEDING. G. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. SEE SPECIFICATIONS FOR MORE SPECIFIC DETAILS ON RESPONSIBILITIES.
- FIELD VERIFY DIMENSIONAL INFORMATION PRIOR TO ORDERING EQUIPMENT. DO NOT SCALE DRAWINGS. J. DIMENSIONS ARE TYPICALLY INDICATED TO THE FINISHED FACE OF WALLS OR PARTITIONS AND CENTER LINES OF COLUMNS UNLESS OTHERWISE K. TITLES, CAPTIONS, HEADINGS, ETC. ARE INTENDED FOR GENERAL REFERENCE AND ARE NOT INTENDED TO LIMIT THE WORK REQUIRED IN ANY WAY. COORDINATE ALL WORK WITH OTHER TRADES. CONTRACTOR SHALL KEEP HIMSELF INFORMED OF THE PROGRESS AND DETAIL DEVELOPMENT OF THE WORK OF OTHERS AND SHALL BE RESPONSIBLE FOR COORDINATING AND EXPEDITING HIS WORK WITH OTHERS SO THAT THE PROGRESS OF THE TOTAL
- WORK SHALL BE KEPT ON SCHEDULE. M. ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH ALL GOVERNING CODES AND STANDARDS. N. EXISTING CONDITIONS SHOWN HAVE BEEN BASED UPON AVAILABLE DRAWING INFORMATION AND MAY BE AT VARIANCE WITH ACTUAL WORK IN PLACE. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND FIELD VERIFY ALL CONDITIONS AFFECTING THE EXECUTION OF THE WORK. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE WORK SHOWN ON THE CONTRACT DOCUMENTS WHICH MAY IMPACT THE PROGRESS OF THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK. O. EACH CONTRACTOR AND/OR TRADE FITTING OR PLACING HIS WORK INTO OR ON THE WORK OF OTHERS DOES SO WITH THE UNDERSTANDING THAT THE INSTALLATION OF HIS WORK CONSTITUTES HIS ACCEPTANCE OF THE SUITABILITY OF THE WORK IN PLACE. IF THE WORK OF OTHERS IS NOT ACCEPTABLE, HE SHALL NOTIFY THE COR AND SUCH WORK SHALL BE CORRECTED. ANY NEW WORK INSTALLED IN UNSUITABLE EXISTING WORK SHALL BE

THE RESPONSIBILITY OF THE CONTRACTOR OR TRADE INSTALLING THE NEW WORK. NO CLAIMS FOR ADDITIONAL COMPENSATION FOR CORRECTING

- WORK INSTALLED IN UNSUITABLE EXISTING CONDITIONS WILL BE CONSIDERED. P. ANY STRUCTURAL, MECHANICAL, ELECTRICAL, FIRE PROTECTION, OR PLUMBING INFORMATION INDICATED ON THE ARCHITECTURAL DRAWINGS IS FOR REFERENCE PURPOSES ONLY UNLESS OTHERWISE INDICATED. Q. IF, IN THE PERFORMANCE OF THE ELECTRICAL WORK, MATERIALS ARE OBSERVED WHICH ARE SUSPECTED TO CONTAIN ASBESTOS, THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY INFORM THE COR. WORK THAT WOULD EXPOSE WORKERS TO THE INHALATION OF ASBESTOS PARTICLES SHALL BE TERMINATED. WORK MAY BE RESUMED ONLY AFTER A DETERMINATION HAS BEEN MADE AND UNSAFE MATERIALS HAVE BEEN REMOVED OR
- ENCAPSULATED AND THE AREA DECLARED SAFE. R. PROPER PERSONNEL PROTECTION EQUIPMENT SHALL BE WORN PER OSHA AND VA REQUIREMENTS WITH VAMC COR AND SAFETY OFFICER. S. FIRESTOPPING ASSEMBLIES SHALL BE PROVIDED AT PENETRATIONS OF CONDUITS AND OTHER ELECTRICAL ITEMS THRU FIRE RATED FLOORS, FIRE RATED WALLS AND PARTITIONS AND FIRE RATED SHAFT WALLS AND PARTITIONS. ALL PENETRATIONS THROUGH 0-HOUR RATED WALLS SHALL BE CAULKED SMOKE-TIGHT. REFER TO SPECIFICATION SECTION 07 84 00. REMOVE EXISTING ELECTRICAL SYSTEMS WHICH ARE MADE SUPERFLUOUS WHEN NEW SYSTEMS ARE INSTALLED INCLUDING ALL ASSOCIATED WIRING AND DEVICES. PROVIDE BLANK STAINLESS STEEL COVERPLATES PROPERLY SIZED FOR EXISTING BACKBOX AND WALL OPENING FOR ALL RECESSED WALL MOUNTED DEVICES REMOVED. ALL ABANDON RACEWAY, CONDUIT AND BOXES SHALL BE REMOVED. REFER TO SPECIFICATION SECTION 01 00 00 GENERAL REQUIREMENTS FOR STATEMENT OF BID ITEM(S) AND DEDUCTIVE ALTERNATES.
- V. ALL SYSTEMS SHALL BE TESTED PRIOR TO ANY REMOVAL WORK. TESTING SHALL BE WITNESSED BY COR. IF SYSTEMS ARE NOT TESTED IT WILL BE ASSUMED ALL SYSTEMS WERE FULLY FUCTIONAL AT START OR PROJECT. IF REPAIRS ARE REQUIRED, THEY SHALL BE MADE WITHOUT ANY ADDITIONAL W. ALL CUTTING AND PATCHING OF EXISTING SURFACES TO RAMAIN THAT IS REQUIRED FOR ELECTRICAL WORK, SHALL BE INCLUDED IN THE ELECTRICAL CONTRACT. REFINISH ANY SURFACE DISTURBED UNDER THIS WORK. SHALL MATCH EXISTING.

BID DOCUMENTS FULLY SPRINKLERED

CONSULTANTS: 03/16/2016

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AMENDMENT NO. 1

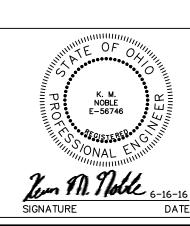
FAX: (330) 896-9180

125 VOLT, DUPLEX GROUNDING TYPE RECEPTACLE

BRANCH CIRCUIT. QUANTITIES OF MARKS INDICATES NUMBER OF #12AWG

CONDUCTORS IN 3/4" CONDUIT UNLESS OTHERWISE NOTED. ALL BRANCH CIRCUITS SHALL HAVE SEPARATE NEUTRAL CONDUCTORS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED BETWEEN CIRCUITS.

SCHEESER BUCKLEY MAYFIELD LLC **CONSULTING ENGINEERS** 1540 CORPORATE WOODS PKWY UNIONTOWN, OHIO 44685-8797 PHONE: (330) 896-4664



KEY PLAN



440.243.2000 t

Architecture Planning Interior Design Cleveland, OH 44130 440.243.3305 f

ARCHITECTURAL PROJECT #18103

Drawing Title **ELECTRICAL GENERAL NOTES** AND SYMBOLS Approved: Project Director

Project Number Project Title VA Building 552-15-103 UPGRADE WATER DISTRIBUTION **Building Number** Drawing Number Location 4100 W. 3RD STREET, DAYTON, OH, 45428

Checked

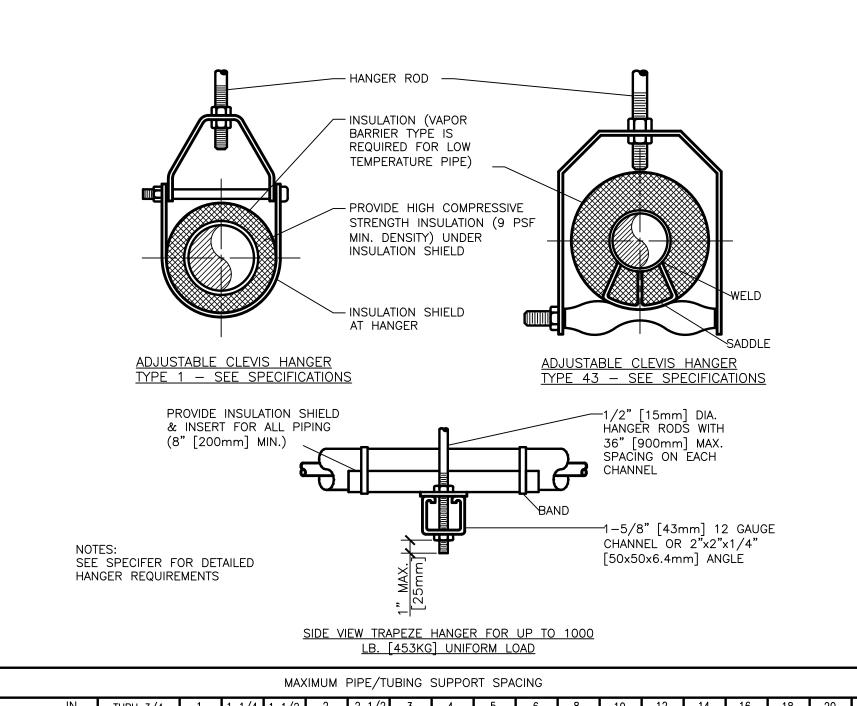
JUNE 16, 2016

KMN

Dwg.

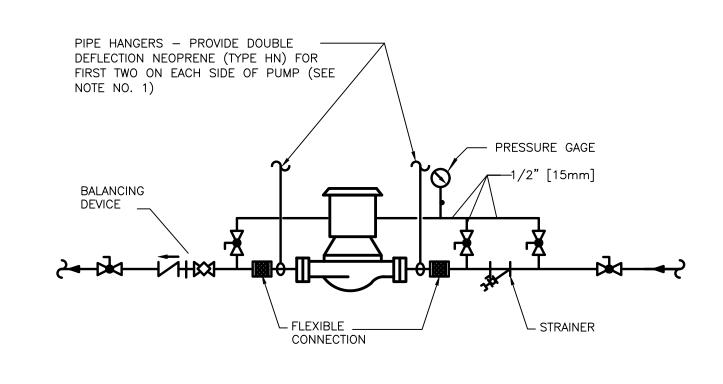
Office of Construction and Facilities Management

U.S. Department of Veterans Affairs



PIPE HANGERS

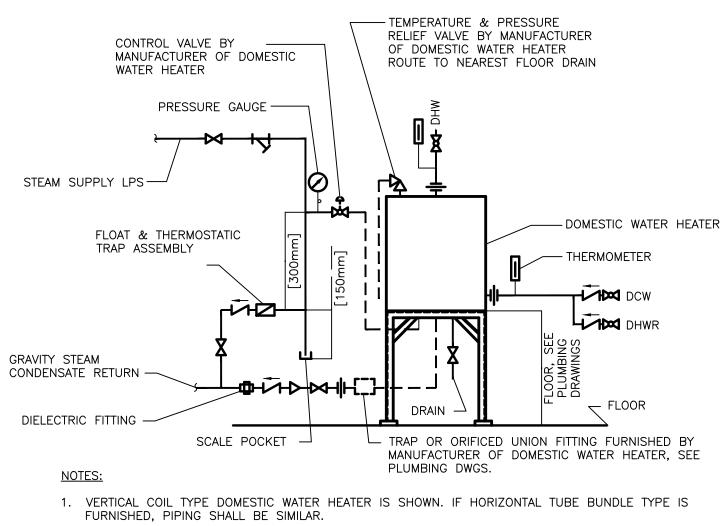
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.



NOTES:

1. SUPPORT PUMP FROM PIPING ONLY. DO NOT SUPPORT PUMP FROM MOTOR.

IN-LINE PUMPS - CONNECTIONS

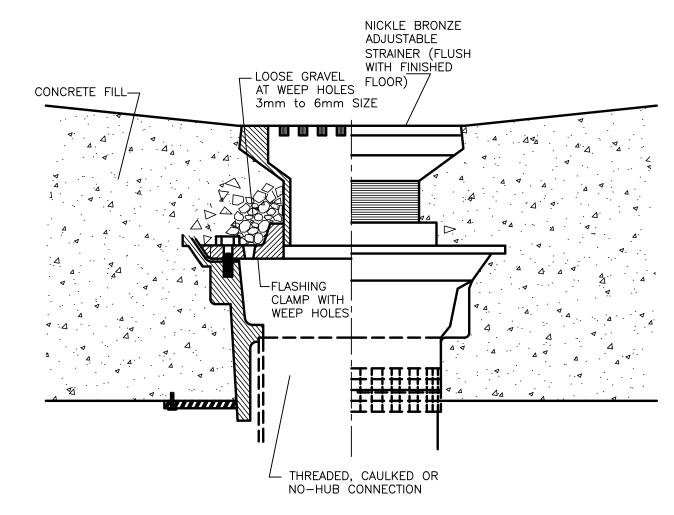


2. SEE PLUMBING DRAWINGS FOR PIPING CONNECTIONS.

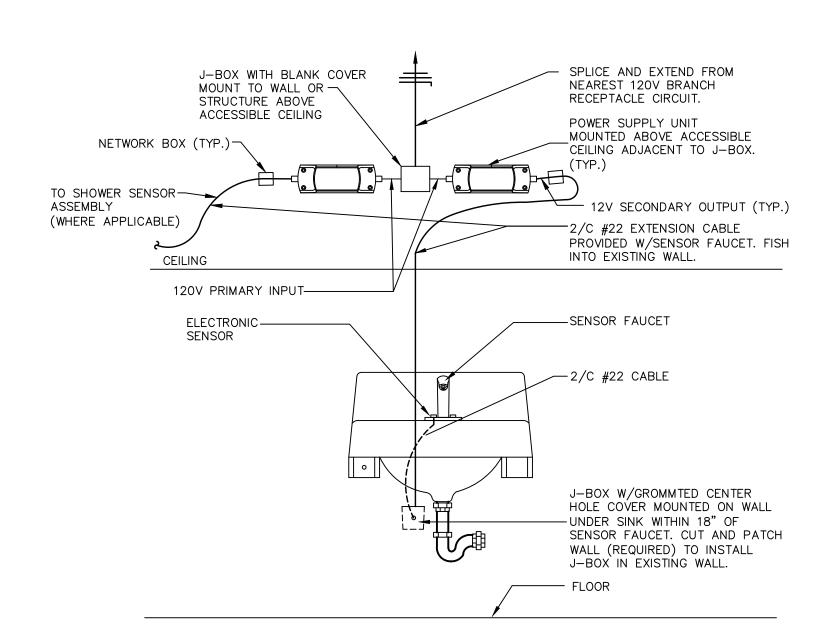
- 3. PIPING TO UPPER HEATER HEAD SHOULD BE PROVIDED WITH UNION OR FLANGES, LOCATED OUTSIDE THE OUTER DIAMETER OF HEAD TO FACILITATE REMOVAL OF HEAD AND SHELL.
- 4. PIPING BETWEEN CONTROL VALVE AND HEATER CONNECTION SHOULD BE AS SHORT AS POSSIBLE.
- 5. PROVIDE INTEGRAL OR EXTERNAL HEAT TRAPS.6. PROVIDE HOSE CONNECTION TO DRAIN.

C. PROVIDE HOSE CONNECTION TO BRAIN.

CONNECTIONS TO DOMESTIC WATER HEATER



TYPE "C" FLOOR DRAIN DETAIL



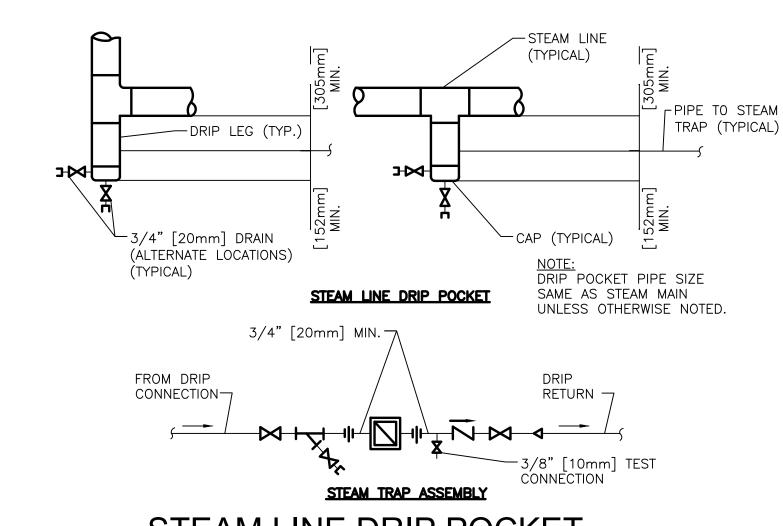
SENSOR FAUCET CONTROL WIRING DETAIL

NOTES:

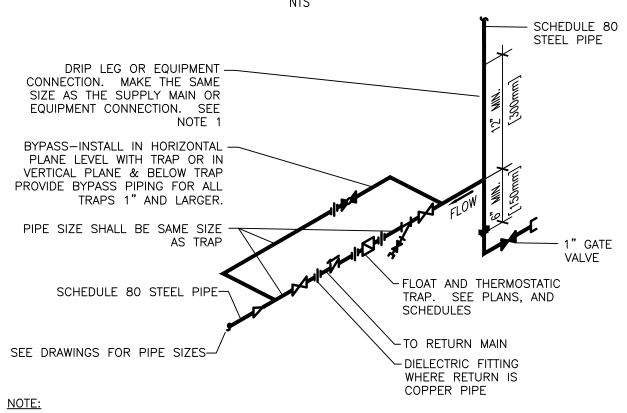
1. MOUNT J-BOX W/GROMMETED CENTER HOLE COVER WITHIN 12" OF SHOWER FAUCET FOR CONNECTION SIMILAR TO SINK FAUCET SHOWN.

2. REMOVE PLUG FROM POWER SUPPLY PRIMARY CABLE FOR HARDWIRE CONNECTION ABOVE CEILING.

KEY PLAN

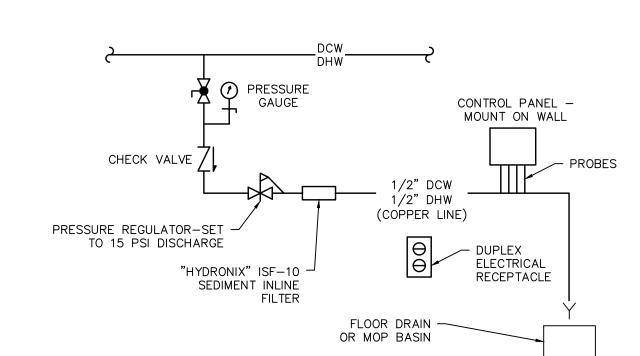


STEAM LINE DRIP POCKET STEAM TRAP ASSEMBLY

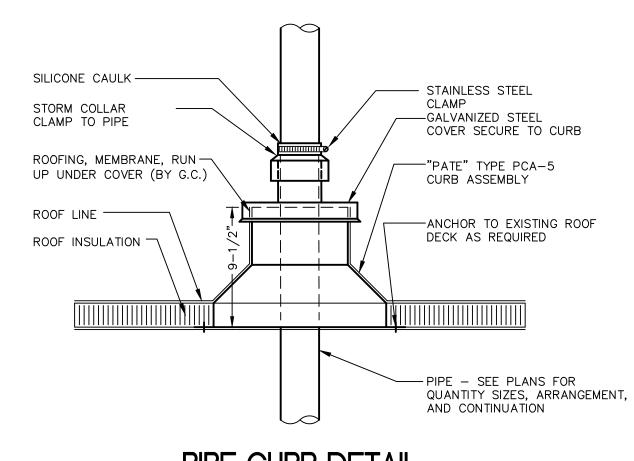


1. ALL DRIP POINTS ON STEAM MAINS SHALL BE PROVIDED WITH A 12" MINIMUM HIGH DRIP LEG FROM BOTTOM OF STEAM MAIN TO TRAP INLET. DRIP LEG SHALL HAVE 6" SCALE POCKET

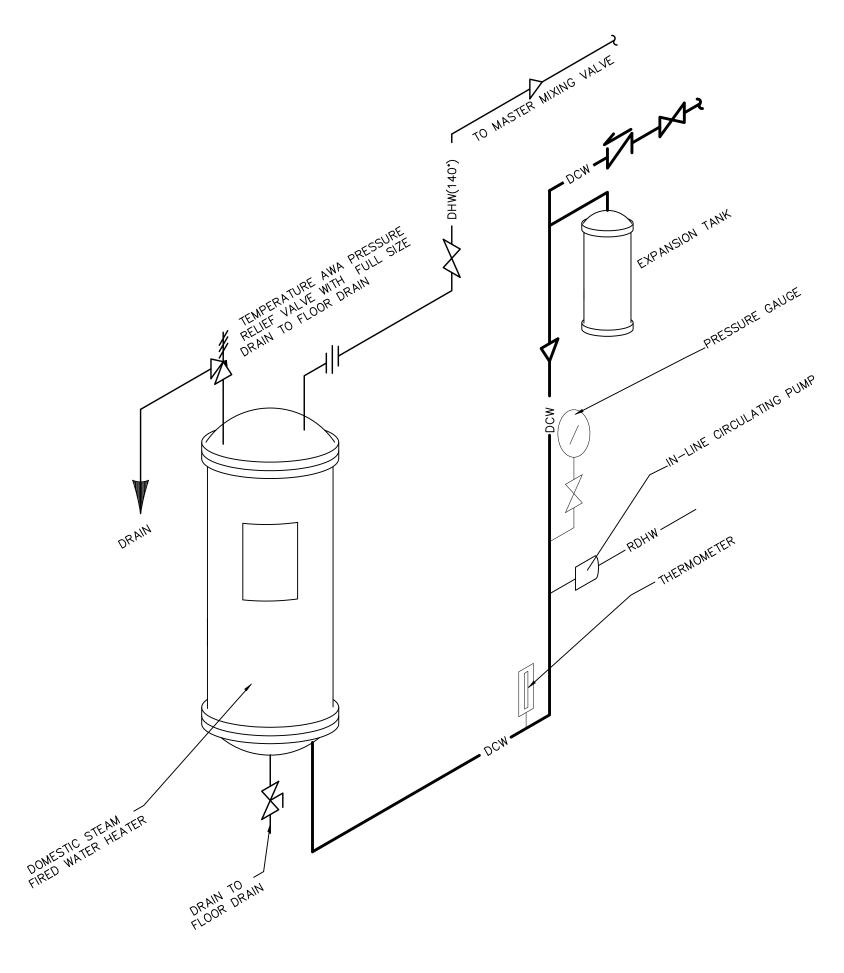
FLOAT AND THERMOSTATIC STEAM TRAP ASSEMBLY



DOMESTIC COLD/HOT WATER MONITORING SYSTEM SCHEMATIC



PIPE CURB DETAIL



DOMESTIC STEAM FIRED WATER HEATER DETAIL

NOTES:

1) PIPING TO THE UPPER HEATER HEAD SHOULD BE PROVIDED WITH UNIONS OR FLANGES WHICH ARE LOCATED BEYOND THE OUTSIDE DIAMETER OF THE HEAD TO PERMIT REMOVAL OF THE HEAD AND SHELL.

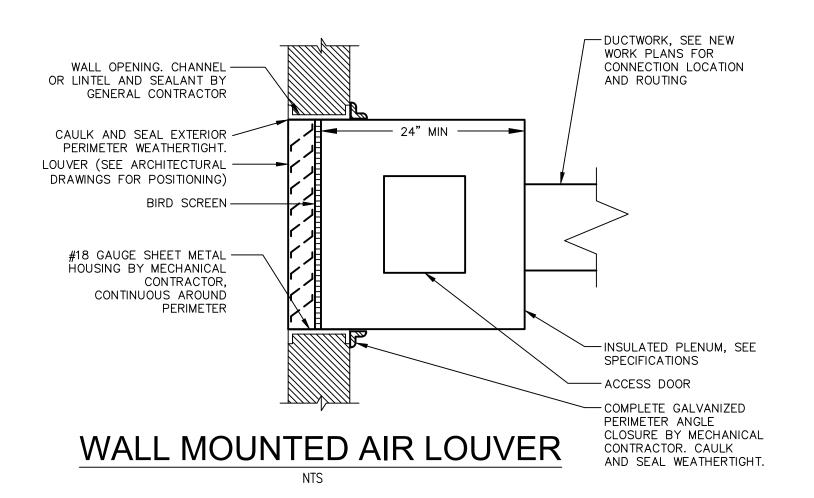
2) THE CONTROL VALVE SHOULD BE LOCATED 6" TO 12" ABOVE THE LOWER HEAD FLANGE. THE PIPING BETWEEN THE VALVE AND HEATER CONNECTION SHOULD BE AS SHORT AS POSSIBLE.

3) REDUCERS, ON THE WATER INLET SIDE, SHOULD BE LOCATED ADJACENT TO THE HEATER. EXPANSION FITTINGS, ON THE WATER INLET SIDE, SHOULD BE LOCATED AS FAR AS POSSIBLE FROM THE HEATER.

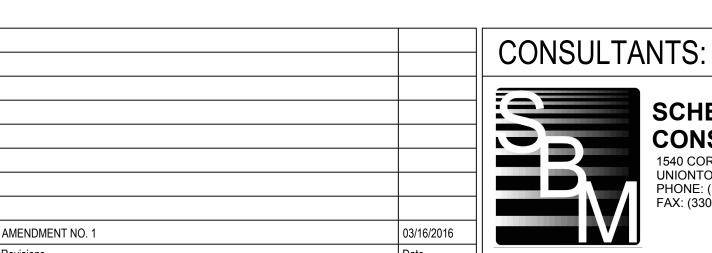
4) CONDENSATE RETURN PIPING SHOULD BE ARRANGED TO PERMIT THE CONDENSATE TO DRAIN FREELY BY GRAVITY FROM THE LOWER HEATER HEAD.

5) DRAIN VALVE SHOULD BE PIPED DIRECTLY TO A FLOOR DRAIN. RELIEF VALVE AND OVER—TEMP SOLENOID VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 19" ABOVE THE FLOOR.

6) HEATERS SHOULD BE PIPED REVERSE RETURN OR BALANCING DEVICES ON THE OUTLETS SHOULD BE EMPLOYED.

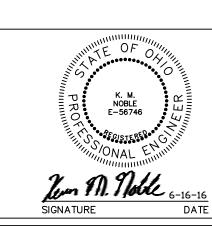


BID DOCUMENTS FULLY SPRINKLERED



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ARCHITECTURAL PROJECT #18103

Drawing Title
DETAILS

Approved: Project Director

wing Title
DETAILS

Project Title
VA Building
UPGRADE WATER DISTRIBUTION

Toved: Project Director

Location
4100 W. 3RD STREET, DAYTON, OH, 45428
Date
JUNE 16, 2016

Checked
JUNE 16, 2016

Drawn
JM
Dwg. of

Office of
Construction
and Facilities
Management

U.S. Department
of Veterans Affairs

